

Application No.: 09/844,925  
Amendment Dated: February 24, 2006  
Reply to Office Action of: November 2, 2005

### IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*underlining*) and deleted subject matter (*strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method for transcoding web-page content for a limited-display computing device comprising the steps of:
  - a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;
  - b) receiving from said server computer a web page document that can be used to generate a display;
  - c) searching said web page document for sequences of textual references to images that are directly adjoining;
  - d) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;
  - e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and
  - f) sending each composite image scaled in step e) to said limited-display computing device.
2. (Original) The method of Claim 1 wherein said web page document is written in a Hypertext Markup Language (HTML).
3. (Original) The method of Claim 2 wherein said sequence of textual references to images are directly adjoining vertically.

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4. (Original) The method of Claim 1 wherein step d) further comprises:  
d1) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by a textual reference to an image that is disposed in said formatting object so as to generate a composite image.
5. (Original) The method as recited in Claim 1 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device.
6. (Original) The method as recited in Claim 1 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.
7. (Original) The method as recited in Claim 6 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.
8. (Previously Presented) The method as described in Claim 1 wherein said limited-display computing device is selected from the group consisting of handheld computing device, a mobile phone, a pager, and an Internet appliance.
9. (Original) A method for transcoding web-page content for a limited-display computing device comprising the steps of:
  - a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;
  - b) receiving from said server computer a web page document that can be used to generate a display;

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- c) searching said web page document for formatting objects that include a plurality of textual references to images;
- d) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by said textual references to an image that is disposed in said formatting object so as to generate a composite image;
- e) scaling each composite image rendered in step d) to meet the display requirements of said limited-display computing device; and
- f) sending each composite image scaled in step e) to said limited-display computing device.

- 10. (Original) The method of Claim 9 wherein said web page document is written in a Hypertext Markup Language (HTML).
- 11. (Original) The method of Claim 10 wherein said formatting object is a table.
- 12. (Original) The method of Claim 10 wherein said formatting object is a frame.
- 13. (Original) The method of Claim 9 wherein step d) further comprises:
  - d1) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image.
- 14. (Original) The method as recited in Claim 9 wherein step e) further includes reducing the bit depth of said composite image to meet the display requirements of said limited-display computing device .
- 15. (Original) The method as recited in Claim 9 wherein said images rendered in step d) are rendered to an image size corresponding to the image size of a full-size display screen.

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16. (Original) The method as recited in Claim 15 wherein all of said web page document except said images rendered in step d) are transcoded using a normal transcoding process and are sent in step f) to said limited-display computing device.

17. (Previously Presented) The method as described in Claim 9 wherein said limited-display computing device is selected from the group consisting of handheld computing device, a mobile phone, a pager, and an Internet appliance.

18. (Original) In a computer system including a processor coupled to a bus, and a memory unit coupled to the bus for storing information, a computer implemented method for transcoding web-page content for a limited-display computing device comprising the steps of:

- a) upon receiving a web page request from a limited-display computing device, sending the web page request to a server computer that contains the requested web page document;
- b) receiving from said server computer a web page document that can be used to generate a display;
- c) searching said web page document for sequences of textual references to images that are directly adjoining and for formatting objects that include a plurality of textual references to images;
- d) when said web page document includes a sequence of textual references to images that are directly adjoining, rendering each of the images represented by said textual references that are directly adjoining so as to generate a composite image;
- e) when said web page document includes a formatting object that includes a plurality of textual references to images, rendering each of the images represented by a textual reference to an image that is disposed in said formatting object so as to generate a composite image;
- f) scaling each composite image rendered in steps d) and e) to meet the display requirements of said limited-display computing device; and

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g) sending each composite image scaled in step e) to said limited-display computing device.

19. (Original) The computer implemented method as described in Claim 18 wherein said web page document is written in a Hypertext Markup Language (HTML).

20. (Original) The method of Claim 18 wherein said formatting object is a table.

21. (Original) The method of Claim 18 wherein said formatting object is a frame.